

Sub E2
Claim 24. (Amended) The liposomal formulation according to claim 23, which comprises a mixture of pre-defined populations of particles with mean diameters respectively bigger than 400nm and lower than 100nm.

Claim 25. (Amended) A process for the preparation of a final formulation composed of distinct populations with distinct mean diameters, containing a dinitro aniline pesticide, which comprises the steps:

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1. obtaining of the liposomal formulations containing vesicles of dinitro aniline pesticide by hydration, with a solution containing an antisublimating agent of a lipidic film containing the dinitro aniline pesticide;
 2. obtaining different populations with well-defined diameters by a sizing step;
 3. mixing the distinct populations;
 4. lyophilization dehydration of the so obtained liposomal formulations; and
 5. rehydration of the dehydrated liposomal formulations.

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Claim 28. (Amended) The process according to claim 25, wherein the hydration is carried out by the addition of an aliquot portion of an aqueous solution, followed by the addition of the remaining volume of the aqueous solution, after a resting period.

Claim 29. (Amended) The process according to claim 28, which comprises using, in the hydration steps, a salt-free solution.

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Claim 30. (Amended) The process according to claim 29, which comprises performing the rehydration steps with saccharose, trehalose, glucose or mixtures thereof.

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Claim 32. (Amended) The process according to claim 25, which comprises mixing particles after sizing to yield a population of particles with diameters of, respectively, bigger and lower than 100 nm.

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Claim 34. (Amended) The process according to claim 25, which comprises performing the hydration by addition of a small amount of aqueous solution, namely 20% of the final volume, followed by addition of the rest of the volume, namely 80% of the final volume, after a 30-minute rest period.

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Claim 35. (Amended) The process according to claim 25, which comprises using in the hydration step a salt-free solution.

Claim 36. (Amended) The process according to claim 25, which comprises performing rehydration with a member selected from the group consisting of solutions of saccharose, trehalose, glucose and mixtures thereof.

Claim 37. (Amended) The process according to claim 31, which comprises using at least one of the lipids selected from the group consisting of distearoylphosphatidylcholine (DSPC), phosphatidylcholine (PC), cholesterol (Chol) and Chol derivatives, sphingomyelin (SM), dioleoylphosphatidylcholine (DOPC), dioleoylphosphatidylglycerol (DOPG), phosphatidylglycerol (PG), dimiristoylphosphatidylcholine (DMPC), dipalmitoylphosphatidylcholine (DPPC), gangliosides, ceramides, phosphatidylinositol (PI), phosphatidic acid (PA), dicetylphosphate (DcP), dimiristoylphosphatidylglycerol (DMPG), stearylamine (SA), dipalmitoylphosphatidylglycerol (DPPG) and mixtures thereof.

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Claim 38. (Amended) The process according to claim 31, wherein the dinitro aniline pesticide comprises trifluralin.

Claim 39. (Amended) A liposomal formulation containing a dinitro aniline when prepared by a process according to claim 25.

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Claim 40. (Amended) A method of using the liposomal formulation as defined according to claim 23 which comprises the treatment of disease in humans or animals, wherein administration of a therapeutic quantity of the liposomal formulation is applied to humans or animals.

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Please add the following new claim:

--41. Use of liposomal formulations for the preparation of a pharmaceutical formulation for the treatment in humans or animals, characterized by the use of a therapeutic efficient quantity of the pharmaceutical formulation containing a dinitroaniline liposomal formulation according to claim

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Attached hereto is a marked-up version of the changes made to the application by this Amendment.